

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	"4876660".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 17:45
L2	324	"708"/\$.ccls. and @ad<"20040220" and (initializ\$3 or zero\$3) and (multiply\$3 or multiplication) and concatenat\$3 and accumulat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 17:46
L3	375	"708"/\$.ccls. and multiplier\$1 and accumulat\$3 and pixel\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 17:46
L4	161	L3 and programmable\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 17:46
L5	110	2 and feedback	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 17:47
L6	53	5 and programmable	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 17:48
L7	7	6 and concatenat\$3.ti,clm,ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 17:48

## EAST Search History

L8	14	(US-20050144215-\$ or US-20060075012-\$).did. or (US-7107302-\$ or US-6771094-\$ or US-5311459-\$ or US-6781408-\$ or US-6665696-\$ or US-6925480-\$ or US-7142011-\$ or US-6665695-\$ or US-6430677-\$ or US-6711301-\$ or US-4996661-\$ or US-6538470-\$). did.	US-PGPUB; USPAT	OR	ON	2008/01/09 17:49
L9	5	L8 and concatenat\$3	US-PGPUB; USPAT	OR	ON	2008/01/09 17:49
L10	15628	"708"/\$.ccls. and @ad<"20040220"	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/09 17:49
L11	4449	L10 and accumulat\$3	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/09 17:49
L12	3404	L11 and (multiplier\$1 or multiplication or multiplying)	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/09 17:49
L13	349	concatenat\$3 and L12	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/09 17:49
L14	124	L13 and programmable\$1	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/09 17:49
L15	123	L14 and ("zero" or "0")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 17:49
S1	2	"6538470".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/01 17:32
S2	3	"20030141898"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/01 17:32

## EAST Search History

S3	34	("3473160"   "4871930"   "5122685"   "5128559"   "5371422"   "5483178"   "5689195"   "5754459"   "5825202"   "5874834"   "6069487"   "6078941"   "6154049"   "6215326"   "6255848"   "6404226").PN. OR ("6538470").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/01 17:49
S4	15344	"708"/\$.cccls. and @ad<"20040220"	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/01 17:50
S5	96	(zheng.in. and leon.in.) or (langhammer.in. and martin.in.) or (prasad.in. and nitin.in.) or (starr.in. and greg.in.) or (hwang.in. and chiao.in.) or (harmalingam.in. and kumara.in.)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/01 17:52
S6	38	S5 and accumulat\$3	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/09 13:04
S7	6	S6 and concatenat\$3	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/01 17:56
S8	1	S6 and (concatenat\$3.clm.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/01 17:55
S9	4367	S4 and accumulat\$3	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/01 17:57
S10	3338	S9 and (multiplier\$1 or multiplication or multiplying)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/01 17:57
S11	340	concatenat\$3 and S10	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/01 17:57
S12	119	S11 and programmable\$1	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/08 17:58
S13	0	S12 and S5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/01 17:58

## EAST Search History

S14	118	S12 and ("zero" or "0")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 17:49
S15	58	S14 and initializ\$5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/01 18:01
S16	49	chat.xa. and accumulat\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/01 18:25
S17	73	chat.xa. and multiplier\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/01 18:25
S18	40	S17 not S16	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/01 18:25
S19	11	("4849922"   "5249146"   "5583803"   "5590066"   "5610849"   "5737256"   "5805482"   "6282555"   "6295320"   "6327602").PN. OR ("6732131").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/01 18:27
S20	21	("5053985"   "5181183"   "5249146"   "5345408"   "5452466"   "5574661"   "5610849"   "5636152"   "5671169"   "5724278"   "5825420"   "5986709"   "5995990"   "Re34734").PN. OR ("6295320"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/01 18:34

## EAST Search History

S21	365	"708"/\$.ccls. and multiplier\$1 and accumulats\$3 and pixel\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/08 17:57
S23	156	S21 and programmable\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 17:46
S24	32	("3872290"   "3980873"   "4718091"   "4720871"   "4747157"   "4791677"   "4937774"   "5005149"   "5027423").PN. OR ("5151953").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/01 18:41
S25	35	("3748451"   "4493048"   "4891689"   "4937774"   "5001663"   "5151953"   "5195050").PN. OR ("5311459").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/01 18:46
S26	1362	326/41.ccls. and @ad<"20040220"	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/01 18:47
S27	1448	326/41.ccls. and @ad<"20040220"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/01 18:46
S28	80	S27 and concatenat\$3 and rout\$3 and programmable\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/01 18:47
S29	3	S28 and accumulats\$3 and (multiplier\$1 or multiplication or multiplying)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/01 18:48

## EAST Search History

S30	27	("3473160"   "4871930"   "4912345"   "5122685"   "5128559"   "5371422"   "5483178"   "5689195"   "5744980"   "5754459"   "5825202"   "5874834"   "6069487"   "6215326"   "6362650"   "6407576"   "6453382"   "6467017"   "6538470"   "6556044"   "6628140").PN. OR ("6781408").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/01 18:49
S31	58	("20020002574"   "20020041658"   "20030009659"   "20030028743"   "4777591"   "4777612"   "5043868"   "5258939"   "5282155"   "5297069"   "5297071"   "5311459"   "5343404"   "5428741"   "5500811"   "5502747"   "5517436"   "5532938"   "5588118"   "5590352"   "5613152"   "5642382"   "5680335"   "5710914"   "5748515"   "5764553"   "5787025"   "5787026"   "5790826"   "5839108"   "5867726"   "5896543"   "5904731"   "5926644"   "5941940"   "5987490"   "6058408"   "6078941"   "6092184"   "6119217"   "6167497"   "6175370"   "6175912"   "6230180"   "6230238"   "6230257"   "6247036"   "6260137"   "6266807"   "6292886"   "6321327"   "6327690"   "6349382"   "6425070"   "6496705"   "6510445"   "6532273"   "6532530").PN. OR ("7107302").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/01 18:51
S32	33	("4852035"   "5363408"   "5367476"   "5381357"   "5398073"   "5483529"   "5493343"   "5506636"   "5550596").PN. OR ("5642382").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/01 19:19
S33	515	multiplier\$1 and programmable and "708"/\$.ccls. and rout\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/01 19:20

## EAST Search History

S34	12	(US-20060075012-\$ or US-20050144215-\$).did. or (US-7107302-\$ or US-6781408-\$ or US-6771094-\$ or US-6665695-\$ or US-6711301-\$ or US-6538470-\$ or US-5311459-\$ or US-4996661-\$ or US-7142011-\$ or US-6665696-\$). did.	US-PGPUB; USPAT	OR	ON	2007/08/07 13:46
S35	3	S34 and concatenat\$3	US-PGPUB; USPAT	OR	ON	2007/08/07 14:38
S36	1	"6538470".pn.	US-PGPUB; USPAT	OR	ON	2007/08/07 14:39
S37	2	"20030141898"	US-PGPUB; USPAT	OR	ON	2007/08/07 14:39
S38	354	"708"/\$.ccls. and @ad<"20040220" and concatenat\$3 and (multiply\$3 or multiplication or multiplier\$1) and accumulat\$3 and (add\$3 or addition or subtract\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/07 14:46
S39	30	S38 and (concatenat\$3 with accumulat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/07 14:48
S40	13	((ZHENG and LEON).in. or (LANGHAMMER and MARTIN).in. or (PRASAD and NITIN).in. or (STARR and GREG).in. or (HWANG and CHIAO).in. or (THARMALINGAM and KUMARA).in.) and concatenat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/07 15:38
S41	14	(US-20050144215-\$ or US-20060075012-\$).did. or (US-7107302-\$ or US-6771094-\$ or US-5311459-\$ or US-6781408-\$ or US-6665696-\$ or US-6925480-\$ or US-7142011-\$ or US-6665695-\$ or US-6430677-\$ or US-6711301-\$ or US-4996661-\$ or US-6538470-\$). did.	US-PGPUB; USPAT	OR	ON	2007/08/08 15:56
S42	5	S41 and concatenat\$3	US-PGPUB; USPAT	OR	ON	2008/01/09 17:49
S43	2	("2005/0144215").URPN.	USPAT	OR	ON	2007/08/08 17:51
S44	0	(11/019518).APP.	USPAT; USOCR	OR	ON	2007/08/08 17:53

## EAST Search History

S45	7	("4302818"   "5644780"   "5903919"   "6044448"   "6078941"   "6134648"   "6223255").PN. OR ("6430677").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/08 17:54
S46	1704	@ad<"20040220" and multiplier\$1 and accumulat\$3 and concatenat\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/08 17:58
S47	339	@ad<"20040220" and multiplier\$1. ti,clm,ab. and accumulat\$3 and concatenat\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/08 17:58
S48	156	S47 and (programmable\$1 or configurable)	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/08 17:58
S49	1	"5034744".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/09 13:18
S50	1	"6477552".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/09 13:18